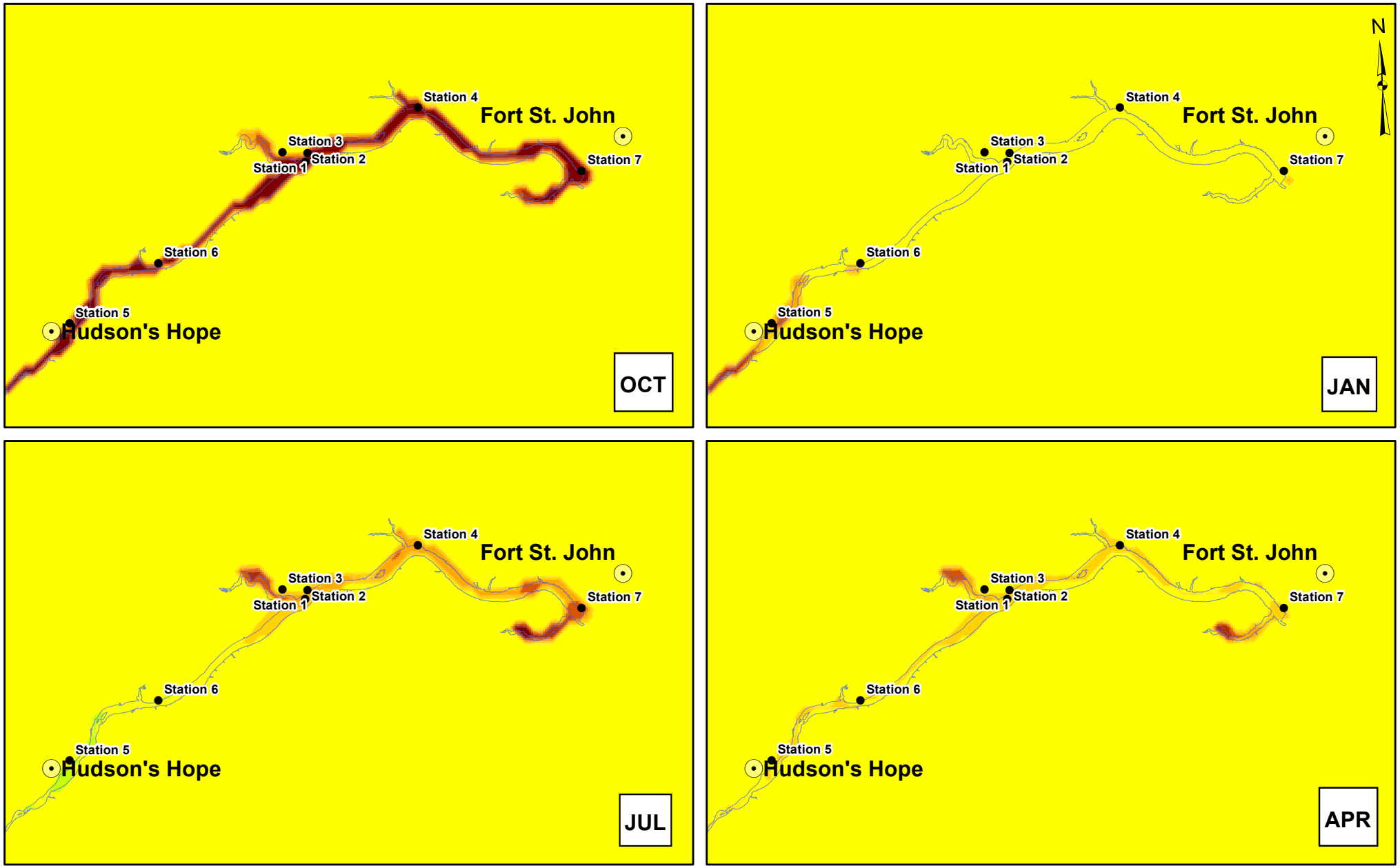

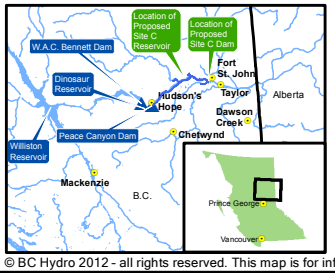

WRF-predicted changes in average monthly water vapour mixing ratio after formation of the reservoir (positive are increases) for four calendar months as labelled clockwise from top left: October, January, April, and July.

Map Notes:
1. Datum/Projection: NAD83/UTM Zone 10N
2. Proposed Reservoir Area (461.8 m maximum normal elevation) from Digital Elevation Models (DEM) generated from LiDAR data acquired July/August 2006.

Legend

- BC Hydro - Site C Stations
- City / District Municipality
- Proposed Reservoir

Mixing Ratio (in g/kg)

- > 1.2
- 1.0 to 1.2
- 0.8 to 1.0
- 0.6 to 0.8
- 0.4 to 0.6
- 0.2 to 0.4
- -0.2 to 0.2
- -0.4 to -0.2
- -0.6 to -0.4
- -0.8 to -0.6
- -1.0 to -0.8
- -1.2 to -1.0
- < -1.2

1:600,000 0 20 km

SITE C CLEAN ENERGY PROJECT

RWDI BC hydro

Figure 11.10.11
Predicted changes in mixing ratio - monthly

DATE	Nov. 30, 2012	1016-C14-A6267-9	R 0

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Construction of the Site C Clean Energy Project is subject to required regulatory approvals including environmental certification